

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL and AMEND the claims in accordance with the following:

1-18. (CANCELLED)

19. (CURRENTLY AMENDED) A control system for controlling a display device including a display unit displaying a motion picture, and a pointing unit pointing a position on the motion picture, said control system comprising:

a recognizing unit recognizing an object in the motion picture on which the pointing manipulation is effected; and

a processing unit executing a predetermined process related to the object recognized, where said processing unit,

wherein said processing unit, when the object is recognized from the pointing manipulation during the display of the motion picture contained in the first data, commands said display device to effect a first changeover to an output of the second data related to the object, said processing unit commands said display device to execute a second changeover to display the motion picture after outputting the second data, and

~~A control system according to claim 18, wherein said display device further includes a recording unit recording data, and said processing unit, after outputting the second data, issues a command of displaying the motion picture from a point of the first changeover recorded on said recording unit.~~

20. (CANCELLED)

21. (ORIGINAL) A control system for controlling a display device including a display unit displaying a motion picture, and a pointing unit pointing a position on the motion picture, said control system comprising:

a communication unit transmitting the position on the motion picture receiving the

pointing manipulation to a server including a unit recognizing an object in the motion picture receiving the pointing manipulation, and receiving, from said server, information on the object in the motion picture recognized by said server; and

a processing unit executing a predetermined process related to the object recognized.

22. (CURRENTLY AMENDED) A-The control system according to claim 21, wherein said display device further includes a receiving unit receiving data,

wherein said receiving unit receives first data containing the motion picture, and second data related to the object in the motion picture contained in the first data, and

said processing unit makes said display device output the second data related to the object recognized.

23. (CURRENTLY AMENDED) A-The control system according to claim 22, wherein the second data contains an image related to the motion picture of the first data.

24. (CURRENTLY AMENDED) A-The control system according to claim 22, wherein the second data is multiplexed with the first data and thus distributed.

25. (CURRENTLY AMENDED) A-The control system according to claim 24, wherein the first data is constructed with a predetermined data structure and the second data is embedded in a margin formed in the data structure~~of the first data~~.

26. (CURRENTLY AMENDED) A-The control system according to claim 21, wherein said processing unit executes an application program related to the object recognized.

27. (CURRENTLY AMENDED) A-The control system according to claim 21, wherein said processing unit executes a task related to the object recognized.

28. (CURRENTLY AMENDED) A-The control system according to claim 21, wherein said processing unit commands other task executing device to execute a task related to the object recognized via said communication unit.

29. (CURRENTLY AMENDED) ~~A control system according to claim 21, A control system for controlling a display device including a display unit displaying a motion picture, and a pointing unit pointing a position on the motion picture, said control system comprising:~~

a communication unit transmitting the position on the motion picture receiving the pointing manipulation to a server including a unit recognizing an object in the motion picture receiving the pointing manipulation, and receiving, from said server, information on the object in the motion picture recognized by said server; and

a processing unit executing a predetermined process related to the object recognized,
and

wherein said display device includes a reproducing unit reproducing the motion picture recorded on a recording medium,

said recording medium is recorded with a first motion picture and a second image related to an object corresponding to the first motion picture, and

said processing unit makes said reproducing unit reproduce from said recording medium the second image related to the object recognized and makes said display device display the reproduced second image.

30. (CURRENTLY AMENDED) ~~A-The control system according to claim 21, wherein~~ said server further includes a unit transmitting an information to an add-up device adding up the pieces of information, and

said processing unit notifies said server of the information on the object recognized via said communication unit, and makes said add-up device add up results of the recognition via said server.

31. (CURRENTLY AMENDED) ~~A-The control system according to claim 21, wherein~~ said display device further includes a reproducing unit reproducing the motion picture recorded on recording medium, and

said communication unit, when the motion picture to be reproduced receives the pointing manipulation, transmits, to said server, information for specifying this motion picture and information for specifying a position where the pointing manipulation is effected on the motion picture.

32. (ORIGINAL) A server in linkage with a display device including a receiving unit receiving data containing a motion picture, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said server comprising:

a communication unit receiving information on the position where the pointing manipulation is effected from said display device;

a recognizing unit recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device; and

a processing unit executing a predetermined process related to the object recognized .

33. (CURRENTLY AMENDED) A The server according to claim 32, wherein said processing unit transmits the information on the object recognized to said display device via said communication unit.

34. (CURRENTLY AMENDED) A The server according to claim 32, wherein said processing unit executes a task related to the object recognized.

35. (CURRENTLY AMENDED) A The server according to claim 32, wherein said processing unit, via said communication unit, commands other task executing device to execute a task related to the object recognized.

36. (CURRENTLY AMENDED) A The server according to claim 32, wherein said communication unit notifies an add-up server adding up pieces of information, of the information on the object recognized, and makes said add-up server add up results of the recognition.

37. (CURRENTLY AMENDED) A The server according to claim 32, wherein said communication unit communicates with an E-mail server delivering an E-mail, and
said processing unit, via said communication unit, commands said E-mail server to deliver an E-mail related to the object recognized.

38 (ORIGINAL) A server issuing a command to a data distribution system in linkage with a display device including a receiving unit receiving data containing a motion picture from a data distribution system, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said server comprising:

a communication unit receiving information on the position where the pointing manipulation is effected on the motion picture from said display device;
a recognizing unit recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device;
a referring unit referring to an instruction related to the object; and
a commanding unit commanding said data distribution system to change over the data to be distributed in accordance with the instruction.

39-60. (CANCELLED)

61. (CURRENTLY AMENDED) A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine to control a display device including a display unit displaying a motion picture and a pointing unit pointing a position on the motion picture, comprising:

recognizing an object in the motion picture on which the pointing manipulation is effected;
and

executing a predetermined process related to the object recognized,
wherein said predetermined process involves, when the pointing manipulation occurs during the display of the motion picture contained in the first data, commanding said display device to output, after an end of displaying the motion picture, the second data related to the object recognized by the pointing manipulation.

~~A storage medium readable by a machine tangible embodying a program according to claim 60, wherein said display device further includes a recording unit recording the data, and~~

~~said predetermined process involves, when the object is recognized from the pointing manipulation during the display of the motion picture, commanding said recording unit to record the second data related to the object, and commanding said display device to output, after the end of displaying the motion picture, the second data recorded.~~

62. (CANCELLED)

63. (CANCELLED)

64. (CURRENTLY AMENDED) A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine to control a display device including a display unit displaying a motion picture and a pointing unit pointing a position on the motion picture, comprising:

recognizing an object in the motion picture on which the pointing manipulation is effected;
and

executing a predetermined process related to the object recognized,
wherein said predetermined process involves, when the object is recognized from the pointing manipulation during the display of the motion picture contained in the first data, commanding said display device to effect a first changeover to an output of the second data related to the object, said predetermined process involves commanding said display device to execute a second changeover to displaying the motion picture after outputting the second data,
and

~~A storage medium readable by a machine tangible embodying a program according to claim 63, wherein said display device further includes a recording unit recording data, and said predetermined process involves issuing a command of displaying, after outputting the second data, the motion picture from a point of the first changeover recorded on said recording unit.~~

65. (CANCELLED)

66. (ORIGINAL) A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine including a communication unit so as to control a display device including a display unit displaying a motion picture and a pointing unit pointing a position on the motion picture, to perform method steps comprising:

transmitting the position on the motion picture receiving the pointing manipulation to a server including a recognizing unit recognizing an object in the motion picture receiving the pointing manipulation;

receiving, from said server, information on the object in the motion picture recognized by said server; and

executing a predetermined process related to the object recognized.

67. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 66, wherein said display device further includes a receiving unit receiving data,
said receiving unit receives first data containing the motion picture, and second data related to the object in the motion picture contained in the first data, and
said predetermined process involves making said display device output the second data related to the object recognized.

68. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 67, wherein the second data contains an image related to the motion picture of the first data.

69. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 67, wherein the second data is multiplexed with the first data and thus distributed.

70. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 69, wherein the first data is constructed with a predetermined data structure and the second data is embedded in a margin formed in the data structure of the first data.

71. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 66, wherein the predetermined process is an execution of an application program related to the object recognized.

72. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 66, wherein the predetermined process is an execution of a task related to the object recognized.

73. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 66, wherein said predetermined process involves commanding, via said communication unit, other task executing device to execute a task related to the object recognized.

74. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 46, wherein said display device includes a reproducing unit reproducing the motion picture recorded on a recording medium,
said recording medium is recorded with a first motion picture and a second image related to an object corresponding to the first motion picture, and
said predetermined process involves reproducing from said recording medium the second image related to the object recognized and making said display device display the reproduced second image.

75. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 66, wherein said server further includes a unit transmitting the information to an add-up device adding up the pieces of information, and
said predetermined process involves notifying said server of the information on the object recognized, and making said add-up device add up results of the recognition via said server.

76. (CURRENTLY AMENDED) A-The storage medium readable by a machine tangible embodying a program according to claim 66, further comprising reproducing the motion picture recorded on said recording medium,
wherein said transmitting involves, when the motion picture to be reproduced receives the pointing manipulation, transmitting, to said server, information for specifying this motion picture and information for specifying a position where the pointing manipulation is effected on the motion picture.

77. (ORIGINAL) A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine including a communication unit so as to operate in linkage with a display device including a receiving unit receiving data containing a motion picture, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, to perform method steps comprising:
receiving information on the position where the pointing manipulation is effected from said display device;
recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device; and

executing a predetermined process related to the object recognized.

78. (CURRENTLY AMENDED) A The storage medium readable by a machine tangible embodying a program according to claim 77, wherein said predetermined process further includes transmitting an information on the object recognized to said display device.

79. (CURRENTLY AMENDED) A The storage medium readable by a machine tangible embodying a program according to claim 77, wherein the predetermined process is an execution of a task related to the object recognized.

80. (CURRENTLY AMENDED) A The storage medium readable by a machine tangible embodying a program according to claim 77, wherein said predetermined process involves commanding other task executing device to execute a task related to the object recognized via said communication unit.

81. (CURRENTLY AMENDED) A The storage medium readable by a machine tangible embodying a program according to claim 77, wherein said predetermined process involves notifying an add-up server for adding up pieces of information, of the information on the object recognized, and making said add-up server add up results of the recognition.

82. (CURRENTLY AMENDED) A The storage medium readable by a machine tangible embodying a program according to claim 77, wherein said communication unit communicates with an E-mail server delivering an E-mail, and
said predetermined process involves commanding said E-mail server to deliver an E-mail related to the object recognized via said communication unit.

83. (ORIGINAL) A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine including a communication unit so as to issue a command to a data distribution system in linkage with a display device including a receiving unit receiving data containing a motion picture from said data distribution system, a display unit displaying the motion picture and a pointing unit pointing a position on the motion picture, to perform method steps comprising:

receiving information on the position where the pointing manipulation is effected on the

motion picture;

recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device;

referring to an instruction related to the object; and

commanding said data distribution system to change over the data to be distributed in accordance with the instruction.

84-108. (CANCELLED)

109. (CURRENTLY AMENDED) A control method of controlling a display device including a display unit displaying a motion picture and a pointing unit pointing a position on the motion picture, said method comprising:

recognizing an object in the motion picture on which the pointing manipulation is effected;
and

executing a predetermined process related to the object recognized,

wherein said predetermined process involves, when the object is recognized from the pointing manipulation during the display of the motion picture contained in the first data, commanding said display device to effect a first changeover to an output of the second data related to the object,

said predetermined processing involves commanding said display device to execute a second changeover to displaying the motion picture after outputting the second data, and

~~A control method according to claim 108, wherein said display device further includes a recording unit recording data, and said predetermined processing step involves issuing a command of displaying the motion picture from a point of the first change over recorded on said recording unit after outputting the second data.~~

110. (CANCELLED)

111. (ORIGINAL) A control method of controlling a display device including a display unit displaying a motion picture and a pointing unit pointing a position on the motion picture, said method comprising:

transmitting the position on the motion picture receiving the pointing manipulation to a server including a recognizing unit recognizing an object in the motion picture receiving the

pointing manipulation;

receiving, from said server, information on the object in the motion picture recognized by said server; and

executing a predetermined process related to the object recognized .

112. (CURRENTLY AMENDED) A-The control method according to claim 111, wherein said display device further includes a receiving unit receiving data,

said receiving unit receives first data containing the motion picture, and second data related to the object in the motion picture contained in the first data, and

said predetermined process involves making said display device output the second data related to the object recognized.

113. (CURRENTLY AMENDED) A-The control method according to claim 112, wherein the second data contains an image related to the motion picture of the first data.

114. (CURRENTLY AMENDED) A-The control method according to claim 112, wherein the second data is multiplexed with the first data and thus distributed.

115. (CURRENTLY AMENDED) A-The control method according to claim 114, wherein the first data is constructed with a predetermined data structure and the second data is embedded in a margin formed in the data structure~~of the first data~~.

116. (CURRENTLY AMENDED) A-The control method according to claim 111, wherein the predetermined process is an execution of an application program related to the object recognized.

117. (CURRENTLY AMENDED) A-The control method according to claim 111, wherein the predetermined process is an execution of a task related to the object recognized.

118. (CURRENTLY AMENDED) A-The control method according to claim 111 , wherein said

predetermined process involves commanding, via said communication unit, other task executing device to execute a task related to the object recognized.

119. (CANCELLED)

120. (CURRENTLY AMENDED) ~~A-~~The control method according to claim 111, wherein said server further includes a unit transmitting the information to an add-up device for adding up the pieces of information, and

said predetermined process involves notifying said server of the information on the object recognized, and making said add-up device add up results of the recognition via said server.

121. (CURRENTLY AMENDED) ~~A-~~The control method according to claim 111, further comprising reproducing the motion picture recorded on recording medium,

wherein said transmitting involves, when the motion picture to be reproduced receives the pointing manipulation, transmitting, to said server, information for specifying this motion picture and information for specifying a position where the pointing manipulation is effected on the motion picture.

122. (ORIGINAL) An information processing method for a computer including a communication unit to operate in linkage with a display device including a receiving unit receiving data containing a motion picture, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said method comprising:

receiving information on the position where the pointing manipulation is effected from said display device;

recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device; and

executing a predetermined process related to the object recognized .

123. (CURRENTLY AMENDED) ~~A-~~The information processing method according to claim 122, wherein said predetermined process further includes transmitting an information on the object recognized to said display device.

124. (CURRENTLY AMENDED) ~~A-~~The information processing method according to claim 122 , wherein the predetermined process is an execution of a task related to the object recognized.

125. (CURRENTLY AMENDED) ~~An~~The information processing method according to claim 122, wherein said predetermined process involves commanding, via said communication unit, other task executing device to execute the task related to the object recognized.

126. (CURRENTLY AMENDED) ~~An~~The information processing method according to claim 122, wherein said predetermined process involves notifying a ad-up server adding up pieces of information, of the information on the object recognized, and making said add-up server add up results of the recognition.

127. (CURRENTLY AMENDED) ~~An~~The information processing method according to claim 122, wherein said communication unit communicates with an E-mail server delivering an E-mail, and

said predetermined process involves commanding said E-mail server to deliver an E-mail related to the object recognized via said communication unit.

128. (ORIGINAL) An information processing method for a computer including a communication unit to issue a command to a data distribution system in linkage with a display device including a receiving unit receiving data containing a motion picture from said data distribution system, a display unit displaying the motion picture and a pointing unit pointing a position on the motion picture, said method comprising:

receiving information on the position where the pointing manipulation is effected on the motion picture;

recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device;

referring to an instruction related to the object; and

commanding said data distribution system to change over the data to be distributed in accordance with the instruction.

129-135. (CANCELLED)